

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("5,774,479" "6,401,127").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 09:47
L2	17055	(Ludwig near4 Reiner or Hannes Koninklijke near4 philips near2 electronics)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 09:58
L3	2	updat\$4 same time-out near4 period same data same unit same sender	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 10:00
L4	133	updat\$4 same time-out near4 period same data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 10:00
L5	2	2 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/16 10:01
S1	14	updating same value same time-out near4 period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 10:47
S2	80	updat\$5 same value same time-out near4 period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:03
S3	21	S2 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:04
S4	21	S3 and (transmit\$4 or sender)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:04
S5	15	S4 and set\$4 same value same time-out	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:05

## EAST Search History

S6	1	S5 and intermediate same value	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:06
S7	12	(retransmission and timeout and communication).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:11
S8	5	S7 and value near4 set\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:12
S9	1	S8 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:14
S10	1	S9 and derivation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:16
S11	1	S10 and error	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:19
S12	1	S11 and decay	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:19
S13	794	(data near4 unit near4 sender)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:37
S14	162	S13 and retransmission	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:40
S15	69	S14 and feedback	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:40

## EAST Search History

S16	48	S15 and response near4 time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:40
S17	48	S16 and value near4 set\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:41
S18	3	S17 and intermediate near4 value	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:42
S19	3	S18 and value same set\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:47
S20	3	S19 and intermediate near4 value	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:48
S21	1	S20 and reduc\$4 same current near5 value	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:49
S22	3	S19 and intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:49
S23	3	S20 and reduc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:50
S24	3	"6405337".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 11:55
S25	80	updat\$5 same value same time-out near4 period	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:46

## EAST Search History

S26	21	S25 and receiver	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:46
S27	21	S26 and (transmit\$4 or sender)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:46
S28	15	S27 and set\$4 same value same time-out	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:46
S29	15	S28 and updat\$4 same time-out	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:47
S30	1	S29 and data near\$4 unit same sender	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:47
S31	1	S29 and data near\$4 unit same send\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:48
S32	10	S29 and data same send\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:49
S33	8	S32 and time-out same transmission	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:51
S34	8	S33 and control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:51
S35	6	("5774479" "6289224" "6401127").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:55

## EAST Search History

S36	5	S35 and time-out	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/07 13:55
S37	0	(updat\$4 time-out period data unit sender receiver feedback mechanism retransmission mechanism retransmits data units value setting procedure setting new value time-out period procedure taking positive integer deriving intermediate value augmenting intermediate value predetermined augmenting procedure reducing current value time-out period reducing procedure determining maximum intermediate value reduced current value time-out period setting said maximum value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 15:05
S38	0	(updat\$4 time-out period data unit sender receiver feedback mechanism retransmission value setting procedure setting new value time-out period procedure positive integer deriving intermediate value g maximum intermediate value reduced current value time-out period setting said maximum value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 15:07
S39	1	(updat\$4 time-out period data unit sender receiver feedback mechanism retransmission value setting procedure setting new value time-out period procedure positive integer deriving intermediate value maximum intermediate value reduced current value time-out period setting maximum value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 15:41
S40	1	(data unit sender receivers implement feedback messages sender information retransmission element response time determination value setting element feedback messages sender retransmission element response time determination element value setting element intermediate value augmenting reducing current value maximum augmented intermediate value element setting new value intermediate value element augmenting intermediate value augmented intermediate value reduced current value).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 15:55
S41	92515	"714"/\$.ccds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 15:56

## EAST Search History

S42	160549	"714"/("748,749,746,764,735").ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 15:56
S43	230579	S41 or S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 15:57
S44	95	("20060234644" "5675638" "5701497" "5930480" "5963551" "6433893" "6535607" "6775033" "6907005" "6968388" "6976263" "6987981" "6992982" "6995854" "7035426" "7342880" "7388977" "7409632" "7421473" "7444578" "7515540" "20010005837" "20010055394" "20020012444" "20020041684" "20020091774" "20020120700" "20030092458" "20030097490" "20030135740" "20030147396" "20030152032" "20040160937" "20050094667" "20050167342" "20050227711" "20050231595" "20060041627" "20060050638" "20060156164" "20060288391" "20070008886" "20070013956" "20070046981" "20070050200" "20070064716" "20070091799" "20070243828" "20070280107" "20070280115" ).pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 16:13
S45	8	S43 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/15 16:19
S46	3420	(data unit sender receivers implement feedback messages sender information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 16:20
S47	711	retransmission element response time determination value setting element feedback messages sender	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 16:20
S48	82	retransmission element response time determination element value setting element intermediate value augmenting reducing	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/06/15 16:20